

Security Coaxial Cable

Surveillance and CCTV Applications
 Shielded or Flooded for Use in Underground Ducts



Coax
 CM FT1 Rated

Product Description

Bare copper conductor, foam polyethylene insulation, bare copper braid shield. Black PVC jacket. Sequential footage marking every two feet.

Water-blocked Coax

CM FT1 Rated

Product Description

Bare copper conductor, foam polyolefin insulation, foil plus braid shield as shown per item, braid impregnated with CoreGuard® flame retardant flooding compound, Black UV resistant PVC jacket. Sequential footage marking every two feet.

Specifications

Conductor	Bare Copper
Insulation	FPE
Shield	
Coax	Bare Copper Braid
Water-blocked Coax	Foil + Braid
Jacket	PVC
Approvals	
NEC	CM
CEC	CM FT1
NEC Articles	800
Nominal Impedance	75Ω
Temperature Rating	75°C

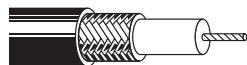
Applications

- CCTV
- Video Security Coax

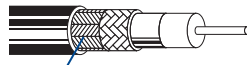
Solid Conductor



Stranded Conductor



Water-blocked



CoreGuard

Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Coax (NEC CM and CEC CM FT1)

Mini RG-59 Type											
573945*	25	solid BC	94% BC	.085	2.16	.146	3.71	U-1000	U-305	15.0	6.8
								1000	305	14.0	6.4

RG-59 Type											
551945	22	7/w BC	95% BC	.140	3.56	.232	5.89	U-1000	U-305	33.0	15.0
								1000	305	30.0	13.6

543945*	20	solid BC	95% BC	.145	3.68	.232	5.89	U-500	U-152	12.5	5.7
								500	152	13.0	6.0
								U-1000	U-305	25.0	11.3
								1000	305	31.0	14.1

RG-6 Type											
533945*	18	solid BC	95% BC	.180	4.57	.266	6.76	500	152	21.0	9.5
								U-1000	U-305	40.0	18.1
								1000	305	41.0	18.6

RG-11 Type											
513945	14	solid BC	95% BC	.280	7.11	.405	10.29	500	152	52.5	23.8
								1000	305	98.0	44.5

Water-blocked Coax (NEC CM and CEC CM FT1)

RG-59 Type											
5439W5	20	solid BC	Duobond® II + 95% tinned copper braid	.145	3.68	.236	5.99	U-500	U-152	17.5	7.9
								500	152	17.5	7.9
								U-1000	U-305	34.0	15.4
								1000	305	34.0	15.4

RG-6 Type											
5339W5	18	solid BC	Duofoil® + 60% aluminum braid	.180	4.57	.270	6.86	U-500	U-152	15.5	7.0
								500	152	15.5	7.0
								U-1000	U-305	30.0	13.6
								1000	305	30.0	13.6

BC = Bare Copper

*Available in other jacket colors. Consult www.belden.com.